

Practice Leader: Digital Forensics

PROFESSIONAL PROFILE

Lars is an EnCase Certified Examiner (EnCE), a Cellebrite Certified Operator (CCO), a Cellebrite Certified Physical Analyst (CCPA), a Certified Wireless Analyst (CWA), Certified IP Telecom Network Specialist (CIPTS), a Certified Telecommunications Network Specialist (CTNS) and Certified Telecommunications Analyst (CTA).

Lars has worked on cases throughout the United States and has provided forensic services in hundreds of criminal and civil cases. He is the co-author of the book, "Digital Forensics for Legal Professionals," 2011, Syngress, and the book "Digital Forensics Trial Graphics: Teaching the Jury through Effective Use of Visuals", Academic Press, 2017.

Lars has qualified as an expert in state and federal courts. He has qualified as a computer forensics expert, a cell phone forensics expert, a digital forensics expert, a photo forensics expert, and as a video forensics expert. Lars provided training in digital forensics and has taught continuing legal education (CLE) classes throughout the United States. He has also presented twice at the CEIC (Computer Enterprise Investigations Conference) in the years 2011 and 2013, and at the Enfuse digital forensics conference in 2016.

OFFICE

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CONTACT

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CORPORATE OFFICE

5565 Glenridge Connector Suite 900 Atlanta, GA 30342

WEBSITE

www.envistaforensics.com

EDUCATION

Bachelor of Arts, Philosophy, 2008 University of North Carolina, Pembroke, NC

President of Honors Society and accumulated 29 credit hours in Fine Art, Digital Art and Media Integration.

BOOKS PUBLISHED

Digital Forensics for Legal Professionals: Understanding Digital Evidence from the Warrant to the Courtroom, 2011, Syngress Publishing ISBN-10: 159749643X

Digital Forensics Trial Graphics: Teaching the Jury through Effective Use of Visuals, 2017, Academic Press ISBN-10: 0128034831

ARTICLES PUBLISHED

Cellphone Forensics in Distracted Driving Cases
Attorney at Law Magazine: North Carolina Triangle, Vol. 5 No. 2

Digital Forensics in Employee Wrongdoing Cases

Attorney at Law Magazine: North Carolina Triangle Vol. 6 No. 1



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CERTIFICATIONS

EnCE Certified (EnCase Certified Examiner)

CTNS Certified (Certified Telecommunications Network Specialist)

CWA Certified (Certified Wireless Analyst)

CIPTS Certified (Certified IP Telecom Network Specialist)

CTA (Certified Telecommunications Analyst)

CCO (Cellebrite Certified Operator)

CCPA (Cellebrite Certified Physical Analyst)

PROFESSIONAL BACKGROUND

2009 - Present: Envista Forensics - Raleigh, North Carolina

Practice Leader - Digital Forensics

TRAINING ATTENDED

Cellebrite CCO Training

14 Hours

Cellebrite CCPA Training

21 Hours

1.5 CPE Credit Hours

Guidance Software

FS Events in Mac OSX and New Interesting Artifacts

1.5 CPE Credit Hours

Guidance Software

Convergence Forensics: Leveraging Multiple Skills to Analyze Evidence

1.5 CPE Credit Hours

Guidance Software

Implementing Digital Forensics Readiness: From Reactive to Proactive Process

1.5 CPE Credit Hours

Guidance Software

Advanced Windows Memory Analysis for Incident Response Pt 1

1.5 CPE Credit Hours

Guidance Software



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Internet of Things Forensics

1.5 CPE Credit Hours

Guidance Software Advanced Web Shell Forensic Analysis Pt. 1

1.5 CPE Credit Hours

Guidance Software Advanced Web Shell Forensic Analysis Pt. 2

1.5 CPE Credit Hours

Guidance Software

APT Attacks Exposed Network, Host, Memory and Malware Analysis

1.5 CPE Credit Hours

Guidance Software

Forensic Analysis of a Compromised Windows Workstation Pt. 1

1.5 CPE Credit Hours

Guidance Software

Forensic Analysis of a Compromised Windows Workstation Pt. 2

2 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Image Clarification and Processing using Clear ID3 in Photoshop

1.5 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Video Clarification and Processing using ClearID3 – New Photoshop Smart Objects and Avid AVX Workflow

1.5 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Virtualizing DCCTV Players & Managing Digital Media Assets with QuickDME

2 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Video Standards, NextGen Codecs and Authentication: How will this impact forensic video investigations.

2 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Technology Enhanced Interview/Interrogation Tools for the Recording Process

1.5 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium The Office of Scientific Area Committees (OSAC) Subcommittee on Video Imaging Technology and Analysis



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1.5 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium Reducing Background Noises in Audio

8 Hours

2015 Law Enforcement Multimedia Evidence Training Symposium International Body Worn Video Summit (Technology, Operational Concerns, Evidentiary and Legal Challenges)

5 Hours

Teracom Training Institute POTS and the PTSN

5 Hours

Teracom Training Institute
Wireless Telecommunications

5 Hours

Teracom Training Institute
The OSI Layers and Protocol Stacks

5 Hours

Teracom Training Institute Ethernet, LANs and VLANs

5 Hours

Teracom Training Institute
IP Networks, Routers and Addresses

5 Hours

Teracom Training Institute MPLS and Carrier Networks

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Investigation on Kindle Fire)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Investigation on Kindle Fire)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Raw Data Carving)

1.5 CPE Credit Hours

Guidance Software



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CEIC 2013 (Computer and Enterprise Investigations Conference: Investigation on Kindle Fire)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Artifacts of Webmail Usage)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Investigation on Kindle Fire)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: New Forensic Highlights of Windows 8)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Advanced Reporting)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Solid State Drive (SSD) Forensics)

1.5 CPE Credit Hours

Guidance Software

CEIC 2013 (Computer and Enterprise Investigations Conference: Vehicle System Forensics)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: Decoding Prefetch Files)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: Dynamic Malware Analysis for Everyone)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: EnCase Forensic v7 Reporting)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: EnCase Forensic v7 Tips and Tricks)

1.5 CPE Credit Hours

Guidance Software



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CEIC 2011 (Computer and Enterprise Investigations Conference: Forensic Analysis of Outlook Web Access)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: Forensic Tracking of USB)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: Intermediate Web Browser Analysis – Beyond History Analysis)

1.5 CPE Credit Hours

Guidance Software

CEIC 2011 (Computer and Enterprise Investigations Conference: Super Timeline Analysis and Case Studies)

16 Hours

Forensic Telecommunication and Cellular Evidence Analysis Ben Levitan, Telecommunications Expert

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference): EnCE Last Minute Review

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Social Media Investigations

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Basic RAID Acquisition and Analysis

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Advanced RAID Analysis

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: File Identification and Recovery Using Block Based Hash Analysis

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Mastering Conditions 1

1.5 CPE Credit Hours



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Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Mastering Conditions 2

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Defeating the Trojan Virus Defense

1.5 CPE Credit Hours

Guidance Software

CEIC 2010 (Computer and Enterprise Investigations Conference: Mastering Criteria

12 Credit Hours

SANS What Works Summit in Forensics and Incident Response (Specialized Knowledge and Applications)

32 Hours

Guardian Digital Forensics: Introduction to Computer Forensics

32 Hours

Guardian Digital Forensics: Intermediate Computer Forensics I

32 Hours

Guardian Digital Forensics: Intermediate Computer Forensics II

32 Hours

Guardian Digital Forensics: Advanced Computer Forensics I

32 Hours

Guardian Digital Forensics: Cell Phone Forensics

32 Hours

Guardian Digital Forensics: Internet Investigations

DIGITAL FORENSIC CONFERENCE SPEAKING ENGAGEMENTS

CEIC 2011 (Computer and Enterprise Investigations Conference) Multiplayer Game Forensics

CEIC 2013 (Computer and Enterprise Investigations Conference)

Enfuse 2016 (Guidance Software's Enfuse Conference)



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CONTINUING LEGAL EDUCATION (CLE) CLASSES / SPEAKING ENGAGEMENTS

Oct. 23, 2009

Wake-Raleigh Paralegal Conference, Raleigh NC

1. Digital Evidence and Investigation

June 9, 2010

CLE Class

Wyrick Robbins Law Offices

1. Planning a Successful E-Discovery Acquisition

August 3, 2010 Myers Bigel Law Office

CLE Class

1. Understanding Digital Evidence and E-Discovery

August 12, 2010 Ragsdale Liggett Law Offices CLE Class

1. Understanding Digital Evidence and E-Discovery

August 31, 2010 Ellis & Winters Law Offices CLE Class

1. Understanding Digital Evidence and E-Discovery

September 29. 2010 Smith & Moore Law Offices (Raleigh, NC) CLE Class

1. Understanding Digital Evidence and E-Discovery

October 21, 2010 Smith & Moore Law Offices (Greensboro, NC) CLE Class

1. Understanding Digital Evidence and E-Discovery

October 29, 2010 Understanding Digital Evidence and E-Discovery CLE Class

1. K & L Gates Law Offices (Raleigh, NC)

November 4, 2010 Understanding Digital Evidence and E-Discovery CLE Class

1. K & L Gates Law Offices (Morrisville, NC)



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November 8, 2010 North Carolina Department of Transportation CLE Class

1. Understanding Digital Evidence and E-Discovery

February 9, 2011 North Carolina Advocates for Justice (Webinar) CLE Class

1. Photo and Video Forensics

February 18, 2011

Research Triangle Paralegal Association: Domestic Abuse Seminar

1. Digital Forensics for Legal Professionals

March 7, 2011 Office of Counsel, Duke University CLE Class

1. Understanding Digital Evidence and E-Discovery

March 17, 2011 McGuire Woods Law Firm CLE Class

1. Understanding Digital Evidence and E-Discovery

March 29, 2011 William Mullins Law Firm CLE Class

1. Understanding Digital Evidence and E-Discovery

April 20, 2011

The Research Triangle Paralegal Association

1. Digital Forensics for Legal Professionals

April 23, 2011

Virginia Trial Lawyers Association (VTLA)

CLE Class

1. Cell Phone Forensics and Advanced Cell Phone Analytics

August 12, 2011

Alexandria (Virginia) Public Defenders Office

CLE Class

- 1. Digital Forensics For Attorneys Part 1
- 2. Digital Forensics For Attorneys Part 2
- 3. Cell Tower Technology and Tracking



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October 5, 2011 Wake County Bar Association CLE Class

1. Understanding Digital Forensics and E-Discovery

December 9, 2011 NCAJ (North Carolina Advocates for Justice) CLE Class

1. What is Available in e-Discovery and Digital Forensics

December 15, 2011 Robinson, Bradshaw and Hinson, P.A. CLE Class

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

January 13, 2012

New Hanover Public Defenders' Conference CLE Class - Co-Presenting With Larry Daniel

- Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2
- 3. Cellular Evidence Forensics
- 4. Digital Forensics in Child Pornography Cases

February 24, 2012

Winchester County Public Defenders

CLE Class - Co-Presenting With Larry Daniel

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

March 22, 2012

NC District Court Judges

CLE Class - Co-Presenting With Larry Daniel

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

May 12, 2012

Gloucester County Bar Association

CLE Class - Co-Presenting With Larry Daniel

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2
- 3. Cellular Evidence Forensics
- 4. Digital Forensics in Child Pornography Cases
- 5. Audio, Photo & Video Forensics



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6. Digital Forensics in Murder Cases

May 17, 2012

Missouri State Public Defenders Spring Training Conference CLE Class

- 1. Audio, Photo & Video Forensics
- 2. Cellular Technology Forensics

May 23, 2012

Albany, New York County Bar Association

CLE Class

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2
- 3. Cellular Technology Forensics
- 4. Digital Forensics In Child Pornography Cases

July 13, 2012

Martinsville, Virginia Public Defenders

CLE Class

- Digital Forensics For Attorneys Part 1
- 2. Cellular Technology Forensics
- 3. Audio, Photo & Video Forensics

September 12, 2012

Virginia Indigent Defense Conference

CLE Class

1. Cellular Technology Forensics

September 15, 2012

Washington D.C. Public Defender Conference CLE Class

- L 01833
- Digital Forensics for Attorneys
- 2. Audio, Photo & Video Forensics

October 18, 2012

Tennessee Public Defender Conference

CLE Class

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

October 19, 2012

Tennessee Investigators Conference

CLE Class

- 1. Digital Forensics in Murder Cases
- 2. Audio, Photo & Video Forensics



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January 25, 2013

Idaho Law Foundation Annual Flagship CLE

CLE Class - Co-Presenting With Larry Daniel

- 1. Digital Forensics for Attorneys 1 Hour Overview
- 2. Cellular Technology Forensics
- 3. Audio, Photo & Video Forensics

February 21, 2013

Spokane County (WA) Bar Association

CLE Class

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2
- 3. Cell Phone Forensics
- 4. Audio, Photo & Video Forensics

March 8, 2013

Illinois Association of Criminal Defense Lawyers

CLE Class

1. Digital Forensics in Child Pornography Cases

March 23, 2013

District of Columbia Association of Criminal Defense Lawyers CLE Class

- 1. Cell Phone Forensics for Legal Professionals
- 2. Digital Forensics in Child Pornography Cases

April 12, 2013

Columbus (OH) Bar Association

CLE Class

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

April 30, 2013

South Carolina Commission on Indigent Defense Conference CLE Class

1. Digital Forensics in Murder Cases

May 3, 2013

Oklahoma BAR Association

CLE Class

- 1. Digital Forensics for Legal Professionals Part 1
- 2. Cell Phone Forensics for Attorneys
- 3. Audio, Photo, and Video Forensics
- 4. Digital Forensics in Child Pornography Cases



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May 16, 2013 CPCS Annual Training Conference (Worcester, MA) CLE Class

1. Overview of Digital Forensics and Cell Phone Forensics

May 20, 2013

CE Class - Co-Presenting With Larry Daniel Computer Enterprise Investigations Conference (CEIC)

1. Writing Expert Reports and Defending them in Court

June 6, 2013

West Virginia Public Defender's Annual Conference

CLE Class

- 1. Cell Phone Forensics
- 2. Audio, Photo and Video Forensics

June 13, 2013

CLE Class

Rhode Island Bar Association Annual Meeting

1. Digital Forensics for Civil & Criminal Litigators (1.25 Hr Overview)

September 9, 2013

CLE Class - Co-Presenting With Larry Daniel

Colorado State Public Defender Annual Fall Conference

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

September 10, 2013

CLE Class - Co-Presenting With Larry Daniel

Colorado State Public Defender Annual Fall Conference

- 1. Cell Phone Forensics for Legal Professionals
- 2. Digital Forensics in Child Pornography Cases
- 3. Digital Forensics in Murder Cases

October 10, 2013

CLE Class - Co-Presenting With Larry Daniel

Montana Public Defenders Annual Training Conference

- 1. Cell Phone Forensics for Legal Professionals
- 2. Cell Tower Technology Forensics

November 15, 2013

CLE Class

IL Association of Criminal Defense Lawyers – Dual Seminar: Federal & State Defenders

1. Digital Forensics for Attorneys – 1 Hour Overview (Federal Defenders)



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- 2. Digital Forensics for Attorneys Part 1 (State Defenders)
- 3. Digital Forensics for Attorneys Part 2 (State Defenders)

December 9, 2013

CLE Class

Georgia Capital Defender Training

- 1. Cell Phone Forensics for Legal Professionals
- 2. Cell Tower Technology Forensics

February 7, 2014

CLE Class

Durham County, NC Bar Association

- 1. Digital Forensics for Attorneys 1 Hour Overview
- 2. Cell Phone Forensics for Legal Professionals

April 18, 2014

CLE Class

Arkansas Bar Association

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2
- 3. Cell Phone Forensics for Legal Professionals

April 24, 2014

CLE Class

Birmingham, AL Bar Association

- 1. Digital Forensics for Attorneys Part 1
- 2. Digital Forensics for Attorneys Part 2

July 23, 2014

CLE Class

Cook County Bar Association, Chicago IL

- 1. Digital Forensics for Legal Professionals
- 2. Cell Phone Forensics for Legal Professionals
- 3. Photo, Video, and Audio Forensics for Attorneys
- 4. Digital Forensics in Child Pornography Cases

January 15, 2015

CLE Class

MyLawCLE, Orlando FL

- 1. Audio, Photo, and Video Forensics
- 2. Cell Phone Forensics for Legal Professionals

February 4, 2015

Webinar CLE

Federal Bar Association



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1. Digital Forensics in Child Pornography Cases

March 6, 2015 Webinar CLE

National Association of Public Defenders

1. Digital Forensics in Child Pornography Cases

March 20, 2015

Panel Discussion – Co-Presenting With Larry Daniel and Attorney Nathan Wessler Duke Law School Panel Whiskey in the Courtroom: Evolving Trends in Forensic Science – Durham, NC

1. Using Cell Tower Evidence to Determine Suspect Location: Phone Records and StingRay Devices

April 17, 2015 Iowa State Public Defenders CLE Class

1. Digital Forensics for Attorneys – 1 Hour Overview

May 14, 2015

NC Public Defenders & Investigators Spring Conference – Greensboro, NC CLE Class

- 1. Audio, Photo and Video Forensics
- 2. Digital Forensics in Murder Cases

May 29, 2015

NC Attorneys for Science & Technology CLE Boot Camp – Digital Forensics: The New DNA – Raleigh, NC CLE Class – Co-Presenting With Larry Daniel

- 1. Digital Forensics for Legal Professionals Part 1
- 3. Cell Phone Forensics for Legal Professionals
- 4. Digital Forensics in Child Pornography Cases
- 5. Audio, Photo & Video Forensics

July 1, 2015 18

Tennessee Bar Association - Nashville, TN

CLE Class

1. Cell Phone Forensics for Legal Professionals

September 2, 2015 Federal Bar Association CLE Class

1. Cell Phone Forensics for Legal Professionals

October 2015 Michigan Federal Defender

CI E Class

CLE Class

1. Cell Phone Forensics for Legal Professionals October



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October 2015 ClearLaw Institute CLE CLass

1. Computer and Cell Phone Evidence: A Small Firm Guide to Collecting, Preserving and Challenging Digital Evidence.

October 2015 Richmond, VA Virginia State Bar - 34th Annual Family Law Seminar CLE Class

1. Social Media and Electronic Evidence in Family Law Cases

October 2015 Fairfax, VA Virginia State Bar - 34th Annual Family Law Seminar CLE Class

1. Social Media and Electronic Evidence in Family Law Cases

October 2015 Norfolk, VA Virginia State Bar - 34th Annual Family Law Seminar CLE Class

1. Social Media and Electronic Evidence in Family Law Cases

November 2015 NCAST (North Carolina Attorneys for Science and Technology)

- 1. Expert Panel Discussions
- 2. Tips and Insights: Digital Forensics

December 2015
Ohio State Bar Association
CLE Class

- 1. Digital Forensics for Legal Professionals Part 1
- 2. Cell Phone Forensics for Legal Professionals
- 3. Digital Forensics in Child Pornography Cases
- 4. Audio, Photo, and Video Forensics

February 24, 2016 The Missouri BAR CLE Class

1. Digital Forensics for Legal Professionals Part 2

March 21, 2016 Clear Law Institute Webinar CLE CLass

1. Computer and Cell Phone Evidence: Collecting, Preserving and Challenging



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April 6, 2016

National Defender Investigator Association National Conference: Bannockburn, IL

CLE Class

- 1. Digital Forensics in Child Pornography Cases
- 2. Audio, Photo and Video Forensics

May 5, 2016

North Carolina Defense Trial Lawyers Association

CLE Class

- 1. Digital Forensics for Attorneys
- 2. Cell Phone Forensics for Attorneys

June 15, 2016

Federal Bar Association Webinar

CLE Class

1. Digital Forensic for Legal Professionals

July 28, 2016

ClearLaw Institute Webinar

CLE Class

1. Computer and Cell Phone Evidence: Collecting, Preserving and Challenging

August 2, 2016

CLE Class

Tennessee Bar Association

1. Digital Forensics for Attorneys

August 23, 2016

Ohio State Bar Association Forensics Conference

CLE Class

- 1. Digital Forensics for Legal Professionals Part 1
- 2. Cell Phone Forensics for Legal Professionals
- 3. Digital Forensics in Child Pornography Case

September 21, 2016

Guardian Digital Forensics: 2016 Webinar Series

Webinar/CLE Class

1. Overview of Computer Forensics

September 23, 2016

Rev 2019-06-17

PT&C|LWG Global Webinar Series

CE Class

1. Video Enhancement and Analysis: What Every Adjuster Should Know When Handling Fire Claims



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October 5, 2016 Virginia State Bar 35th Annual Family Law Seminar – Fairfax, VA CLE Class

1. Cell Phone Forensics in Family Law Cases

October 7, 2016 Virginia State Bar 35th Annual Family Law Seminar – Richmond, VA CLE Class

1. Cell Phone Forensics in Family Law Cases

October 11, 2016 Virginia State Bar 35th Annual Family Law Seminar – Norfolk, VA CLE Class

1. Cell Phone Forensics in Family Law Cases

October 19, 2016 Guardian Digital Forensics: 2016 Webinar Series Webinar / CLE Class

1. Cell Phone Forensics

October 19, 2016 ClearLaw Institute Webinar CLE Class

1. Cell Phone Forensics for Attorneys

November 9, 2016 The Missouri Bar Webinar CLE Class

1. Cell Phone Forensics for Attorneys

November 16, 2016
Travelers Insurance, Charlotte NC
CE Class

Overview of Digital Forensics

November 16, 2016 ClearLaw Institute Webinar CLE Class

1. Computer and Cell Phone Evidence: Collecting, Preserving and Challenging

November 16, 2016 CNA Insurance Webinar

1. Overview of Digital Forensics



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December 9, 2016 Tennessee Bar Association **CLE Class**

- 1. Overview of Digital Forensics
- 2. Cell Phone Forensics

January 18, 2017 Georgia Public Defender Investigators Conference **CE Class**

1. Computer Forensics

January 25, 2017 ClearLaw Institute Webinar **CLE Class**

1. Cell Phone Forensics for Legal Professionals

February 7, 2017 Carolina Restoration Services **CE Class**

1. Digital Forensics for Claims Professionals

February 15, 2017 Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class

1. Digital Forensics 101

February 15, 2017

Envista Forensics: Singapore

Webinar

1. Cell Phone Forensics for Claims Professionals

March 3, 2017 ClearLaw Institute Webinar **CLE Class**

1. Digital Forensics in Child Pornography Cases

March 15, 2017

Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class

1. Digital Forensics 102



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April 3, 2017 Maryland Public Defenders Conference CLE Class

1. Cell Phone Forensics for Legal Professionals

April 7, 2017 Western NC Federal Defenders Seminar CLE Class

1. Cell Phone Forensics for Legal Professionals

April 13, 2017 AttorneyCredits.com CLE Class

- 1. Digital Forensics 101
- 2. Digital Forensics 102

April 17, 2017

Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class

1. Cell Phone Forensics

April 20, 2017

Envista Forensics Live Burn: Richmond, Virginia CE Class

_ Class

Digital Forensics in Fire Investigations

May 2, 2017 ClearLaw Institute Webinar CLE Class

Cell Phone Forensics for Attorneys

May 4, 2017 Michigan Adjusters Association CE / CLE Class

1. Cell Phone Forensics for Claims Professionals

Oneida, New York County BAR Association CLE Class

- 1. Digital Forensics 101
- 2. Cell Phone Forensics



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May 11, 2017 New Jersey Public Defender Conference CLE Class

- 1. Digital Forensics 101
- 2. Cell Phone Forensics

May 16, 2017

Committee for Public Counsel Services (CPCS) Massachusetts Annual Conference CLE Class (Co-presenting with attorney John Swomley)

1. Digital Forensics in Child Pornography Cases

May 19, 2017 Envista Forensics Webinar CE Class

1. Digital Forensics for Claims Professionals

May 24, 2017 National Association of Public Defense (NAPD) Webinar

1. Cell Phone Forensics

June 1, 2017 Suffolk Lawyers for Justice CLE Class

1. Cell Phone Forensics

June 29, 2017 Virginia Association of Continuing Legal Education (VACLE) CLE Class

1. Cell Phone Forensics

July 6, 2017 National Association of Public Defense (NAPD) Webinar

1. Digital Forensics 101

July 19, 2017

Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class

1. Digital Forensics in Employee Wrongdoing cases



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July 21, 2017

Envista Forensics Webinar / CE / CLE Class

Co-presented with attorney Matthew Seigel from Cozen O'Conner

1. Ethical Use of Technology

July 24, 2017 Georgia Public Defender Annual Conference CLE Class

1. Cell Phone Forensics

August 9, 2017 North Carolina IASIU CE Class

1. Cell Phone Forensics for Claims Professionals

August 14, 2017 National Association of Public Defense (NAPD) Webinar

1. Digital Forensics in Child Exploitation Cases

August 16, 2017 FM Global Training – Dallas TX CE Class

1. Cell Phone Forensics for Claims Professionals

August 16, 2017

Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class

1. Digital Forensics in Child Exploitation Cases

August 22, 2017 Webinar / CLE Class ClearLaw Institute

1. Cell Phone Forensics for Attorneys

September 14, 2017
Arkansas Trucking Association Annual Seminar
CLE Class / Presentation and Panel

1. Cell Phone and Cellular Location Forensics in Trucking Cases

September 20, 2017

Guardian Digital Forensics: 2017 Webinar Series

Webinar / CLE Class



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1. Digital Forensics in Murder Cases

October 17, 2017

Speaking Engagement

Richmond Virginia CPCU Chapter

1. Digital Forensics for Claims Professionals

October 19, 2017

Western Loss Association Annual Conference

CLE / CE Class

1. Digital Forensics for Claims Professionals

November 6, 2017

Northland Claims Annual Conference

CLE / CE Class

1. Digital Forensics in Trucking Accident Cases

November 10, 2017

Criminal Defense Attorneys of Michigan Fall Conference

Keynote / CLE Class

1. Cell Phone Forensics for Legal Professionals

November 14, 2017

Missouri BAR Webinar

CLE Class

- 1. Cell Phone Forensics for Legal Professionals
- 2. Digital Forensics in Sexual Exploitation Cases

December 13, 2017

Motor Carrier Insurance Education Foundation

Webinar

 Digital Forensics in Trucking Accident Cases (Co-Presented with attorney Lynn Castagna, Castagna Scott LLP).

January 29, 2018

Rhode Island Association of Criminal Defense Lawyers

CLE Class

- 1. Cell Phone Forensics
- 2. Cell Phone Location and Tracking Forensics

February 9, 2018

FACDL (Florida Association of Criminal Defense Lawyers) Law and Technology Conference CLE Class

1. Cell Phone Location and Tracking Forensics

February 22, 2018

Cooke County, IL Homicide Task Force



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CLE Class

1. Cell Phone Forensics

February 24, 2018 NACDL Grant Training (Philadelphia Public Defenders Office) CLE Class

1. Digital Forensics 101

February 24, 2018 University of Iowa Computer Club Annual Conference Webinar

1. Cell Phone Forensics

March 15, 2018 CLM (Claims Litigation Management) Annual Conference CE/CLE Panel

1. Mobile Device Forensics: New Technologies for Trucking Accident Claims & Litigation

March 27, 2018 AttorneyCredits.com CLE Class/Filmed

1. Cell Phone Forensics

April 11, 2018 South Carolina Insurance Fraud Investigators CE Class

1. Digital Forensics in Fire Investigations

April 19, 2018 Virginia IASIU Chapter CE Class

1. Digital Forensics for Claims Professionals

May 2-3. 2018

Magna Battle of the Experts

CLE Class

- 1. Cross Examination Scenario with Pete Swayze, Attorney of Segal McCambridge LLC.
- 2. Panel Discussion: Challenging Expert Witnesses

May 25, 2018 Iowa Public Defenders CLE Class

1. Cell Phone Forensics



Practice Leader: Digital Forensics

June 26-27, 2018

PLRB (Property and Liability Resource Bureau) Western Regional

CLE Class

1. Impact of Consumer Electronics Data on Liability Claims

July 13, 2018

SCACDL (South Carolina Association of Criminal Defense Lawyers) Conference, Greenville SC CLE Class

1. Cell Phones, Computers, and Cars: What the data will tell you

July 17, 2018

LVCDL (Las Vegas Civil Defense lawyers)

CLE Class

1. Cell Phone Forensics

August 23, 2018

Cook County, Illinois Public Defender (Nutshell) Conference

- 1. Digital Forensics 101 & 102
- 2. Cell Phone Forensics

September 11, 2018

IASIU (International Association of Special Investigation Units) International Conference CE Class

1. The Use of Digital Forensics in Complex Fire Investigations

September 27, 2018

Mueller's Cyber Security Educational Series (Chicago)

CE Class

1. How Exposed Is Your Bottom Line? Digital Disruption of Business Operations

October 18, 2018

North Carolina Eastern Federal Defenders Conference

CLE Class

1. Digital Forensics in Child Exploitation Cases

October 30-31, 2018

PLRB (Property and Liability Resource Bureau) Eastern Regional CLE Class

1. Impact of Consumer Electronics Data on Liability Claims

November 2, 2018

Envista Forensics Webinar

CE/CLE Class

1. Cell Phone Forensics and Tracking Technology in Trucking Claims



Practice Leader: Digital Forensics

January 4, 2019

North Carolina Indigent Defense Services Seminar: Effective Use of Expert Testimony – A Seminar for Experts and Attorneys

CE/CLE Panel - Co-panelists, Dr. Cat Roberts and Dr. Jim Hilkey

1. Discovery: What do Experts Need and When Do They Need It

January 18, 2019

Envista Webinar

CE/CLE Class - Co-presenter Shiraz Saeed, National Practice Leader of Cyber for Starr Companies

1. The Perfect Storm: Cyber Risk and the IoT In the New Industrial Revolution

January 22, 2019

The Gavel National Conference III

CLE Class - Co-presenters Attorney Phil Mischke and Attorney Cray Hubrer

1. Distracted Driving - Law and Science

January 25, 2019

CLE Class

South Carolina Digital Evidence Seminar

- 1. Cell Phone Forensics
- 2. Digital Forensics 101

March 1. 2019

CLE Class

Criminal Defense Attorneys of Michigan

1. Cell Phone Forensics and Location Evidence

March 13, 2019

CLE/CE Class (Panel)

Claims and Litigation Management Society (CLM) Annual Conference

1. Litigation in the Modern Age - Will Today's Technology be Tomorrow's Claim Investigation?

April 5, 2019

CLE Class

National Association of Criminal Defense Lawyers (NACDL) Forensic Science and The Law Conference

1. Consumer Electronics and the IoT (Internet of Things): The next wave of evidence in criminal cases

May 3, 2018

CLE Class

Virginia Bar Association – Indigent Criminal Defense Seminar

1. Digital Forensics Primer



Practice Leader: Digital Forensics

May 11, 2019

CLE Class

Illinois Public Defender Association Conference

- 1. Consumer Electronics and the IoT (Internet of Things): The next wave of evidence in criminal cases
- 2. Cell Phone Forensics

May 21, 2019 Las Vegas Civil Defense Lawyers CLE Class

1. Consumer Electronics and the IoT (Internet of Things): The next wave of evidence in litigation

June 7, 2019 New Mexico Criminal Defense Lawyers Conference CLE Class

1. Phones, Computers and the Internet: Challenging the Government's Evidence

TRAINING GIVEN

July 13, 2009 Introduction to Computer Forensics, 8 Hours

July 14, 2009 Intermediate Computer Forensics, 8 Hours

July 15, 2009 Intermediate Computer Forensics 2, 8 Hours

July 16, 2009 Cell Phone Forensics, 8 Hours